

Data Management and Computing Services for the NenuFAR Telescope

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NenuFAR is a new radioastronomy instrument located in Nançay (France) operating in the 10–85 MHz frequency band. It is a SKA (Square Kilometre Array) Pathfinder at low frequency at the last stages of its construction, currently in early science phase. The instrument will produce up to 2 PB of data per year in its standalone imager mode. We are now setting up a local data center in order to pre-process the raw data. An e- or physical infrastructure is under development and will allow for, e.g., data transfer/storage/archive, user access and computing time allocation management, scientific analysis platform deployment with preconfigured radio astronomy software suites.

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